

AMENDMENTS TO THE SPECIFICATION

A1 Please change the section title on page 7 to read, "BRIEF DESCRIPTION OF THE DRAWINGS."

Please add to page 7 this description of FIGURE 5:

FIGURE 5 is a flow chart describing the process of training using back-propagation.

Please amend the paragraph on page 9, line 22 to read:

A2 In accordance with one embodiment of the present invention, a commercial PC based back propagation software package can be used to designed the ANN for use within telephone device 300 of the present invention. Refer now to FIGURE 5. That is, the ANN back-propagates errors indicative of whether the call progress tones were properly detected and identified in step 500. The ANN is then trained using the tone data samples collected earlier until the desired error rate is obtained in step ~~206~~ 501 and in step 206 of FIGURE 2. If the desired error rate cannot be reached, then various ANN parameters, such as learning rate and number of hidden nodes, can be adjusted to retrain the ANN as in steps 502 and 503.